

FIG. 1

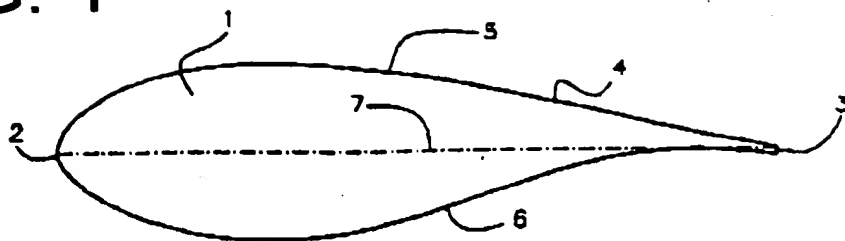


FIG. 2

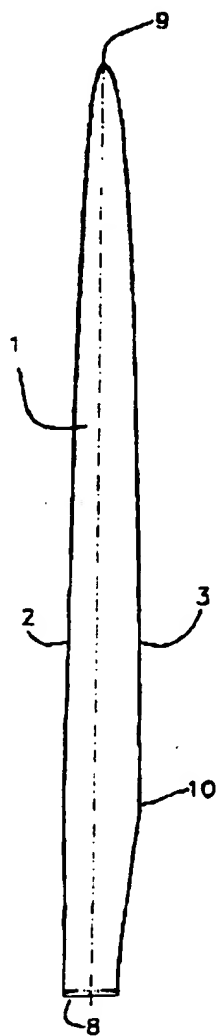


FIG. 3

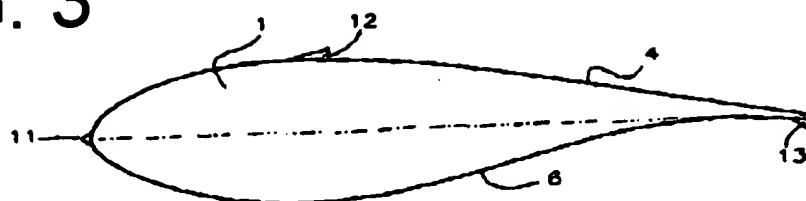
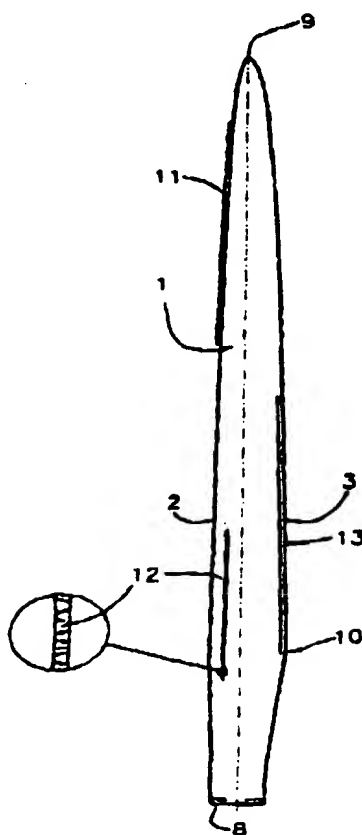


FIG. 4



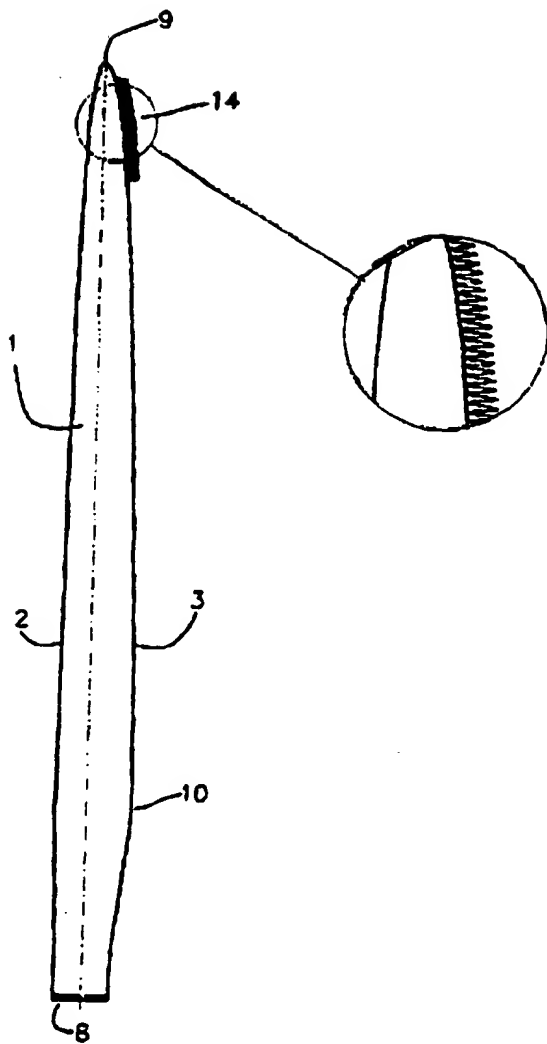


FIG. 5

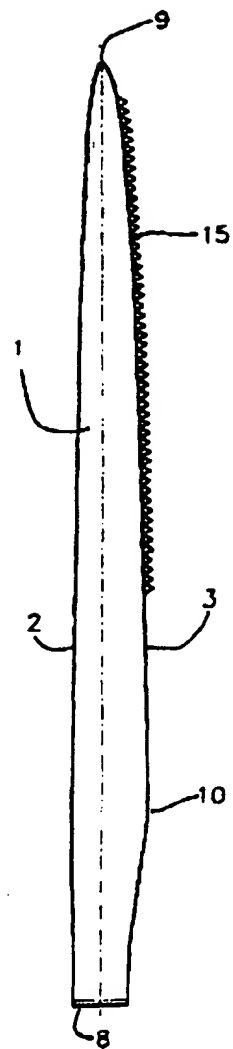


FIG. 6

0991781-12601  
T092T 1376660

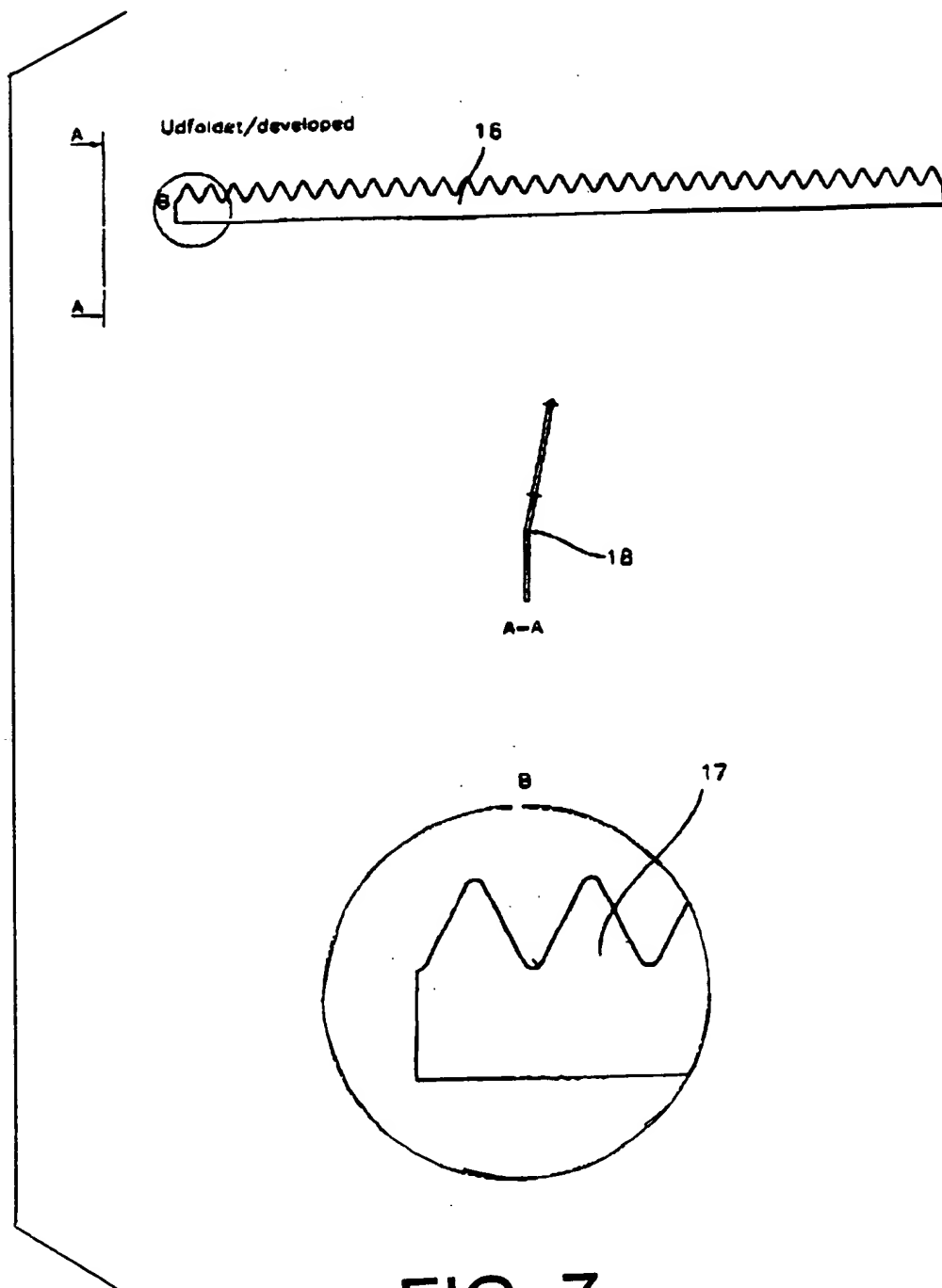


FIG. 7

09991781.112601

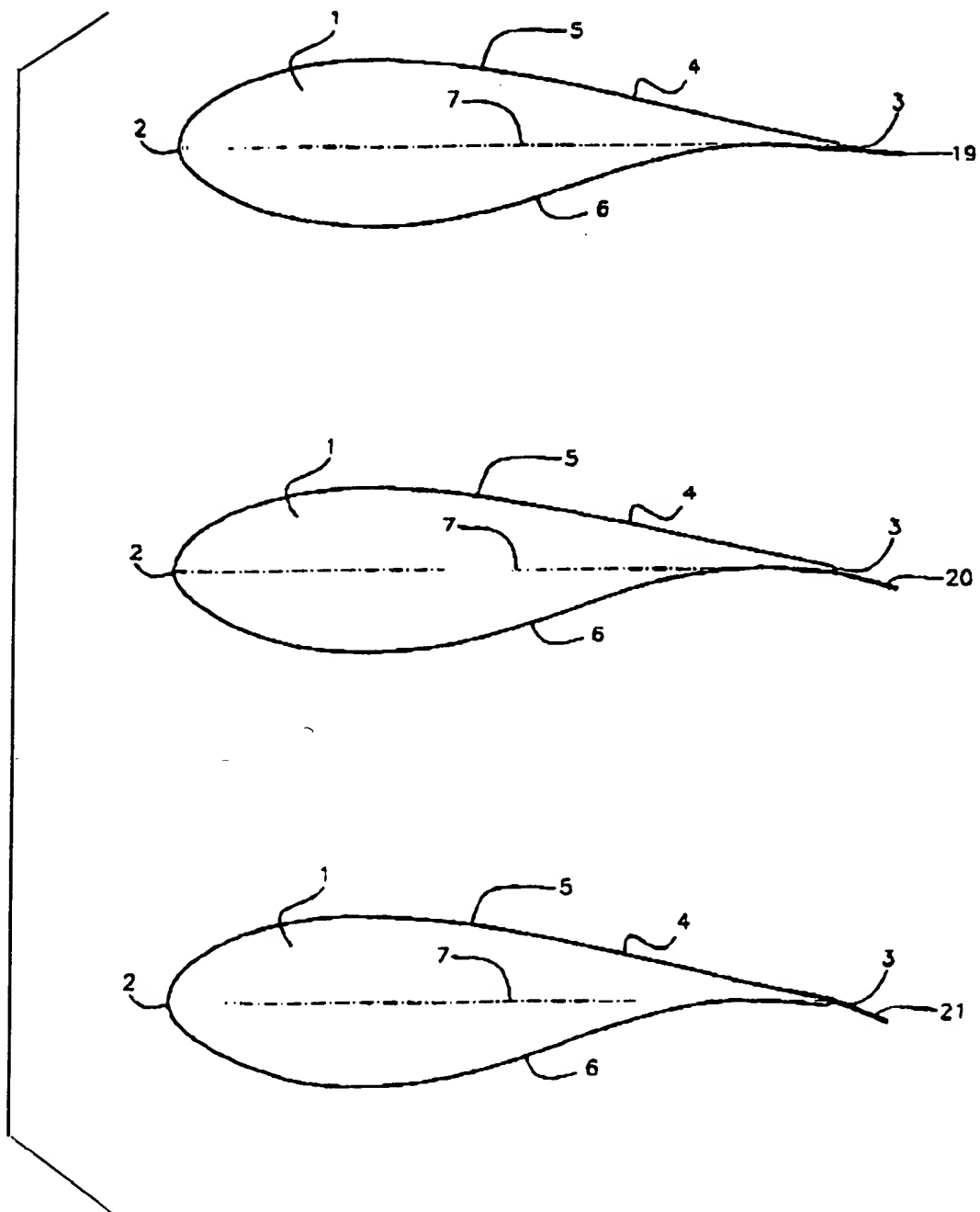


FIG. 8

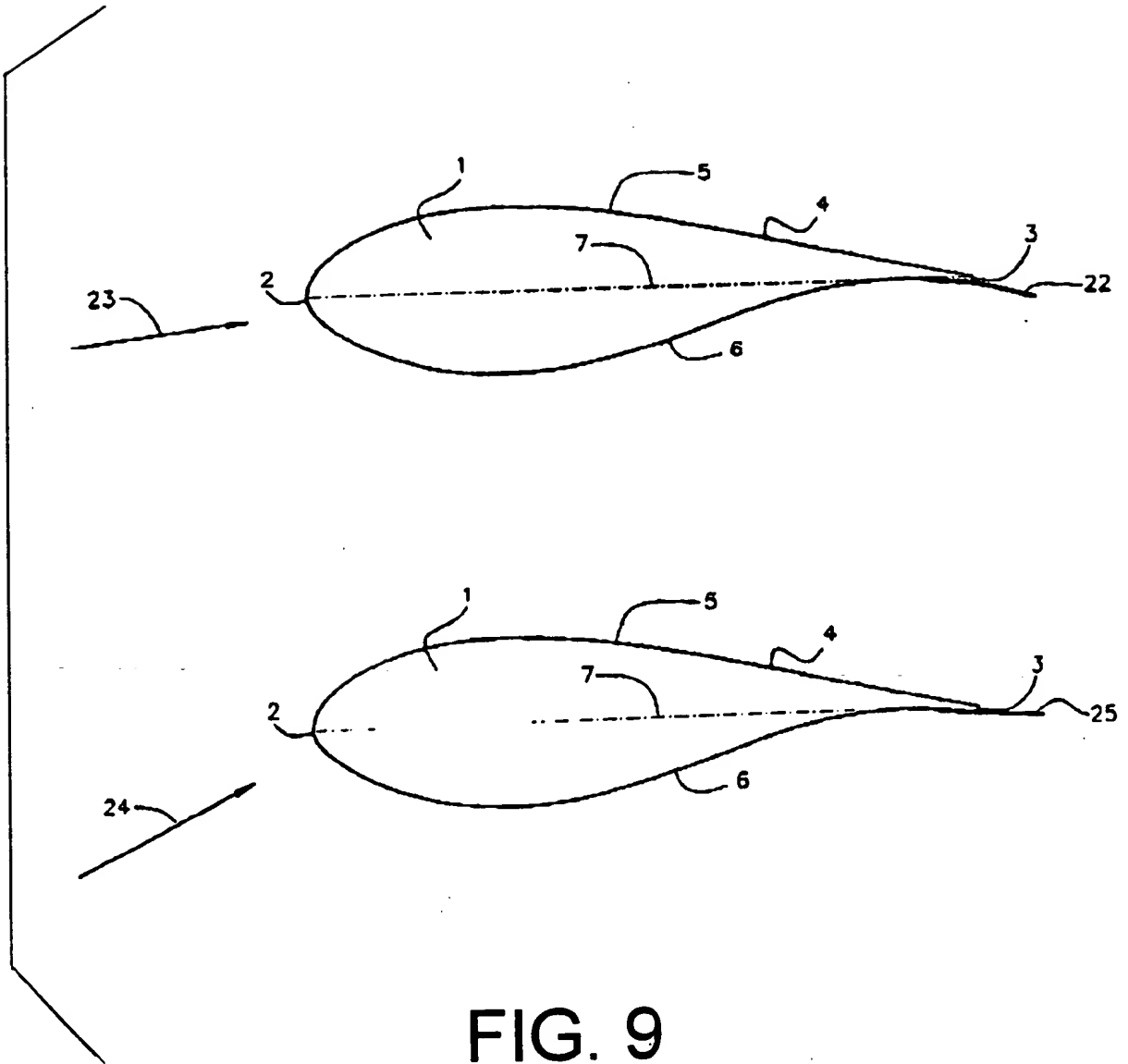


FIG. 9

HPL16  
Rev.9.5 19.11.01

BONUS Energy VS  
23.11.01 12.54.17

Turbine type :  
Plot description :

BONUS 1.3 MW, stand rd  
Power curve: IEC, Ricos 53m

Scaling parameters  
1000.00 = Ch. 7(min) = 1900.00  
100 = Ch. 3 = 30.00  
1000.00 = Ch. 9(min) = 1900.00  
100 = Ch. 3 = 30.00

Plot description :

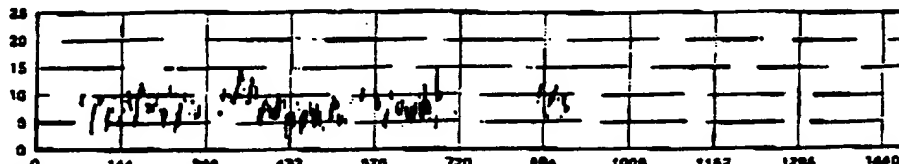
Power curve: IEC, Ricos 53m

Plot description :  
Date read from file :

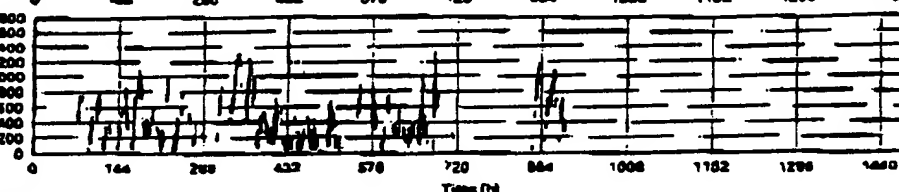
Power curve, IEC, Ricos 53m  
01071122.PLM 12.07.01 00.05.50

Scaling parameters  
1000.00 = Ch. 7(min) = 1900.00  
100 = Ch. 3 = 30.00  
1000.00 = Ch. 9(min) = 1900.00  
100 = Ch. 3 = 30.00  
1000.00 = Ch. 1 = 1000.00

Channel 3  
Wing area, Rts. cor  
Data format m/s  
Offset -0.032  
Scale 8.032  
Mean 7.079  
RMS 2.133  
Min 2.106  
Max 15.265



Channel 6 Memory corr. IEC  
Power  
Data format hr  
Offset -0.492  
Scale 380.943  
Mean 410.546  
RMS 292.631  
Min -0.492  
Max 1322.407



x = channel 3  
y = channel 6

Shipping analysis results :

n	x	y
2	2.23	79.50
7	2.12	8.78
45	4.10	41.32
100	5.00	96.17
283	6.02	150.46
516	6.54	237.37
274	6.04	306.21
287	6.01	328.39
184	6.99	718.40
104	10.93	874.97
47	11.06	1032.84
27	12.83	1171.29
13	14.08	1283.01
7	14.89	1300.69

1733

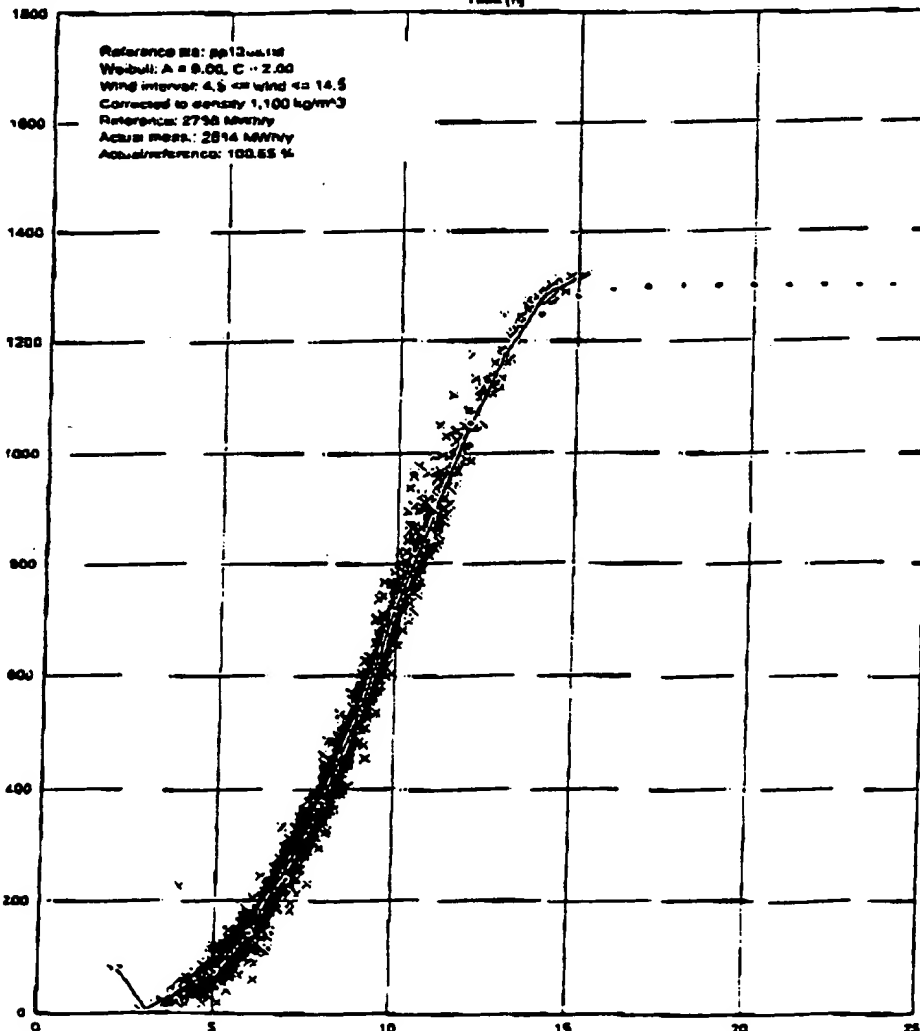


FIG. 10

HPL16  
Rev.9.5 19.11.01

BONUS Energy A/S  
23.11.01 12.55.12

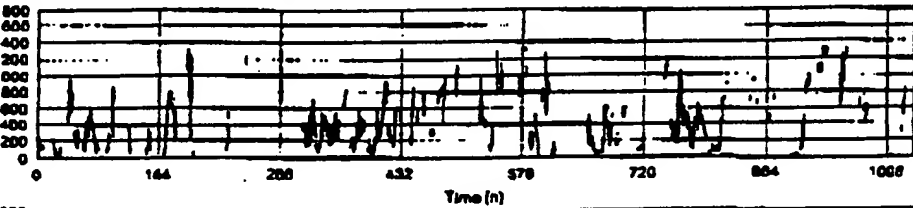
Turbine type : BONUS 1.3 MW, dno tails  
Plot description : Power curve, IEC, Riseo 53m  
Data read from file : 01082700.PL1M 27.08.01 05.32.46

Scaling parameters  
1000.00 = Ch. 7 (mm) < 1000.00  
1.00 = Ch. 3 < 30.00  
90.00 = Ch. 3 < 150.00  
0.00 = Ch. 9 (mm) < 30.00  
850.00 = Ch. 1 < 1000.00

Channel 3  
Wind mass. Rise, cor  
Data format: raw  
Offset -0.052  
Slope 6.632  
Mean 7.643  
RMS 2.478  
Min 1.308  
Max 18.322



Channel 6 (density corr. IEC)  
Power  
Data format: kW  
Offset -0.492  
Slope 520.042  
Mean 424.638  
RMS 334.762  
Min -0.110  
Max 1333.894



x = channel 3  
y = channel 6

Scaling analysis results:

n	#	y
5	2.32	16.01
45	3.05	5.07
65	4.12	41.68
169	5.04	82.64
332	6.04	163.01
363	6.99	296.18
402	7.38	395.85
260	8.95	548.78
198	9.99	767.42
128	10.93	920.01
89	12.00	1125.86
37	12.97	1264.18
22	13.92	1306.19
5	14.93	1325.51
20	16.09	1327.42
4	17.00	1327.88
3	17.76	1325.85
1	18.32	1333.89

216:

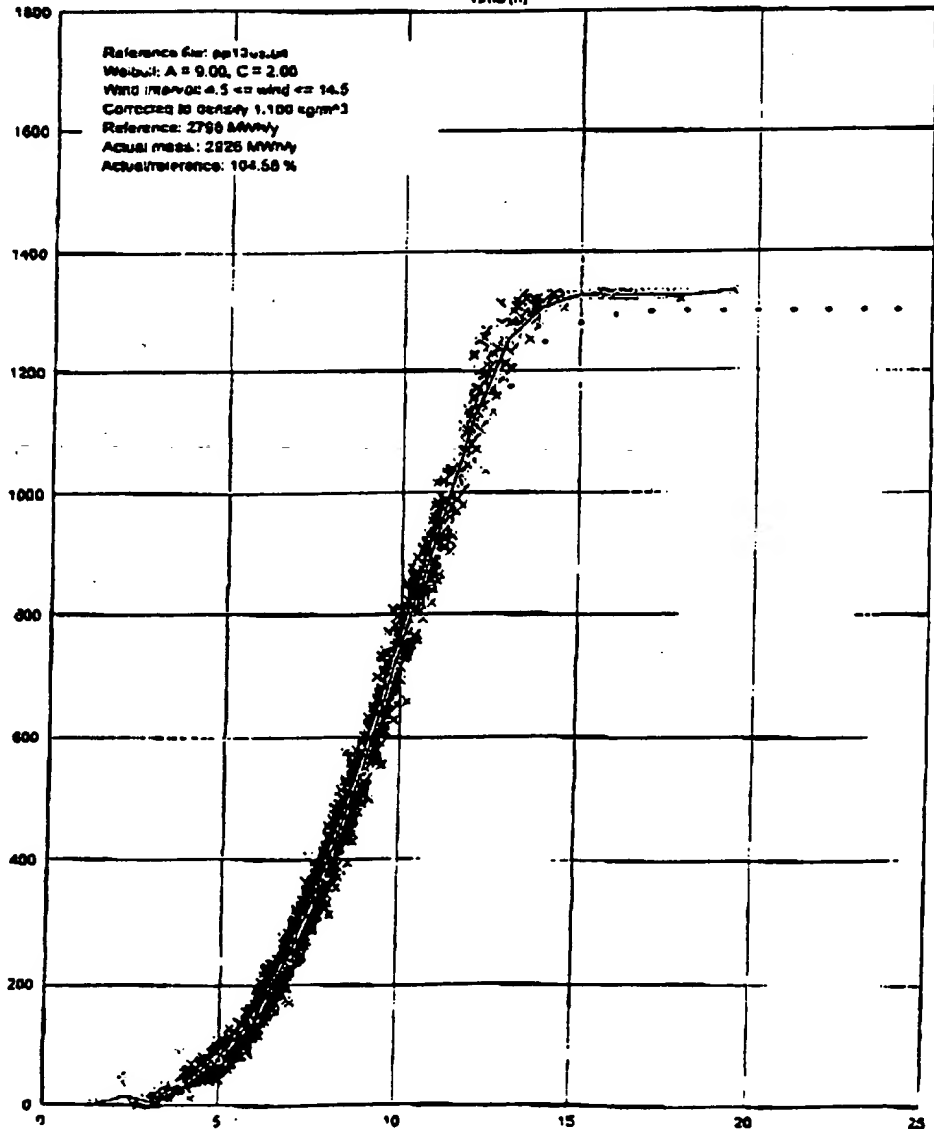


FIG. 11

0991781-11601